FIG.1

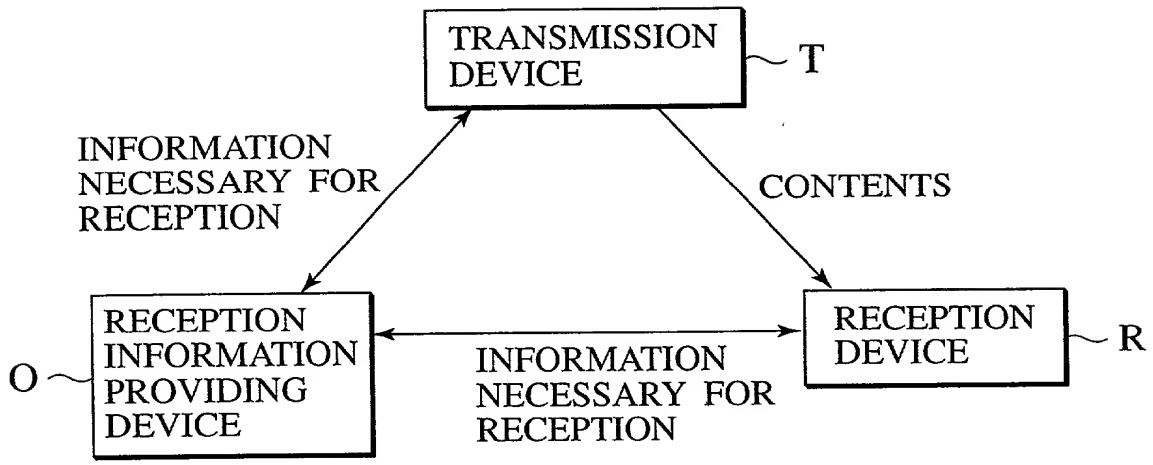

TRANSMISSION DEVICE
T
INFORMATION NECESSARY FOR RECEPTION
CONTENTS
RECEPTION INFORMATION PROVIDING DEVICE
O
INFORMATION NECESSARY FOR RECEPTION
RECEPTION DEVICE
R

FIG.2

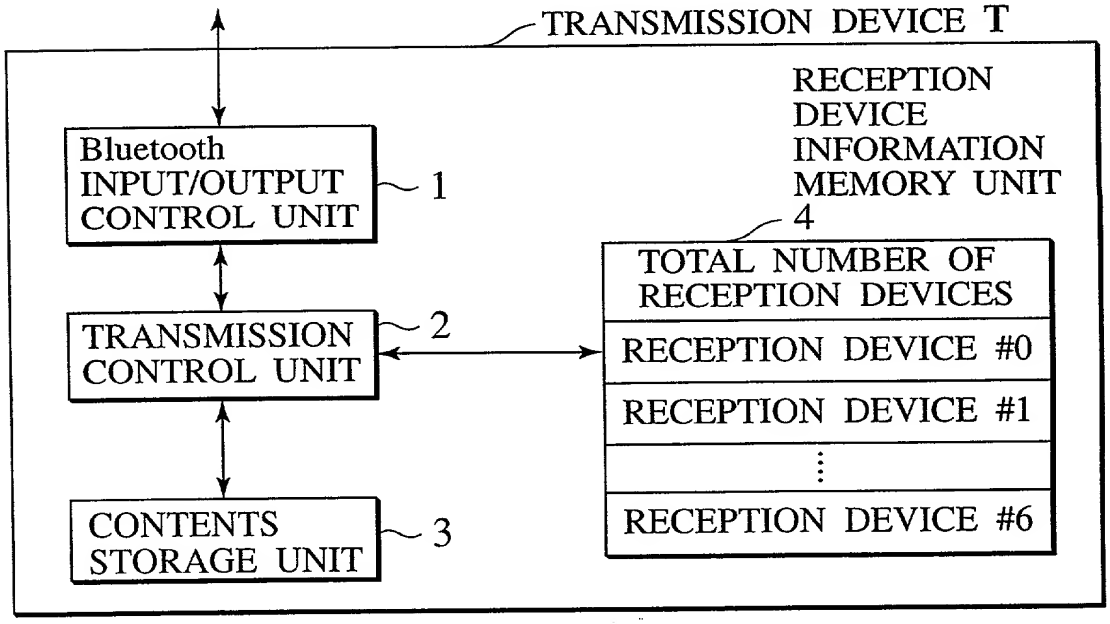

TRANSMISSION DEVICE T
Bluetooth INPUT/OUTPUT CONTROL UNIT
1
TRANSMISSION CONTROL UNIT
2
CONTENTS STORAGE UNIT
3
RECEPTION DEVICE INFORMATION MEMORY UNIT
4
TOTAL NUMBER OF RECEPTION DEVICES
RECEPTION DEVICE #0
RECEPTION DEVICE #1
RECEPTION DEVICE #6

FIG.3

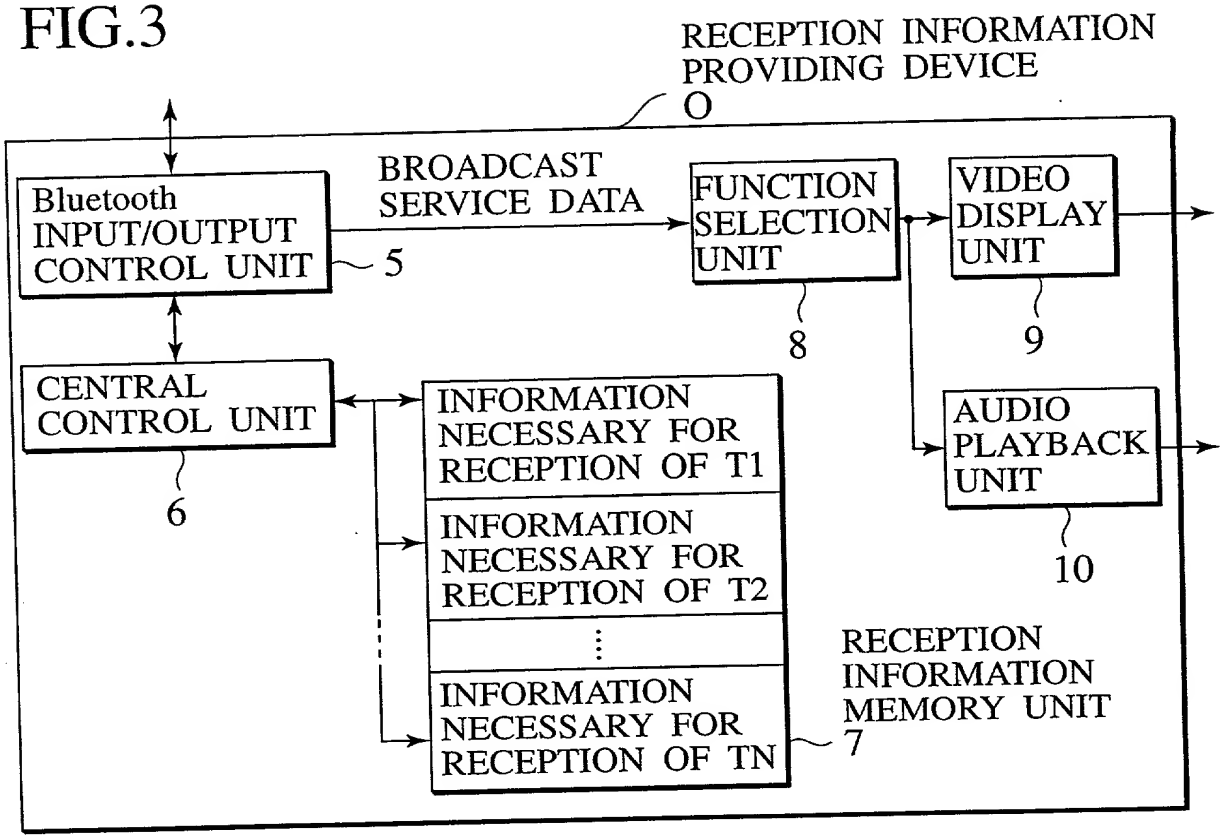
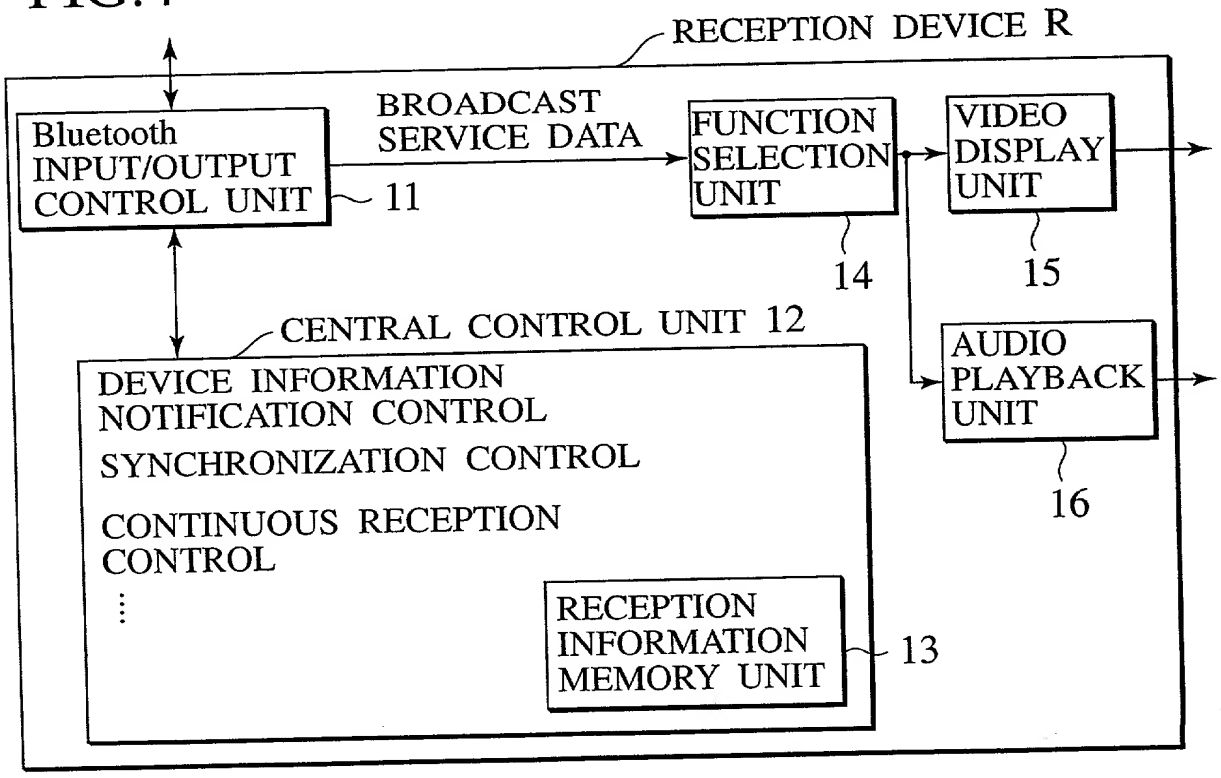


FIG.4



EOTE80 "65/2h60

FIG.5

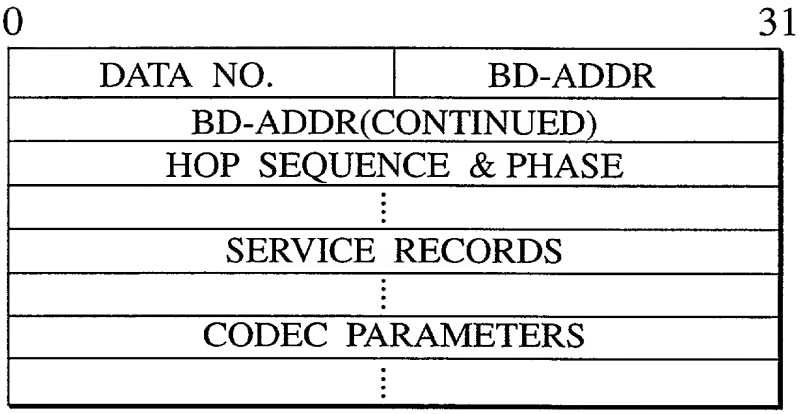

0
31
DATA NO.
BD-ADDR
BD-ADDR(CONTINUED)
HOP SEQUENCE & PHASE
SERVICE RECORDS
CODEC PARAMETERS

FIG.6

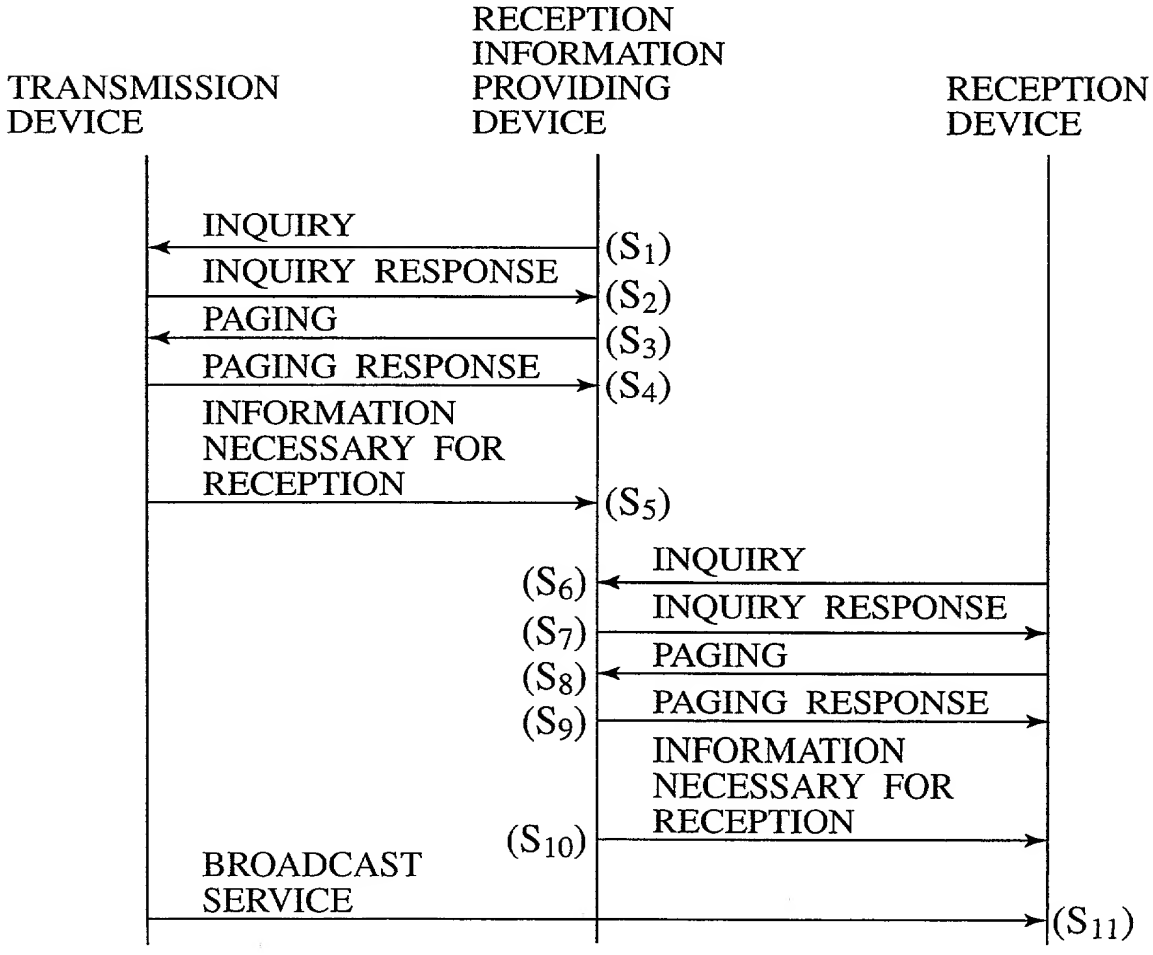

TRANSMISSION DEVICE
RECEPTION INFORMATION PROVIDING DEVICE
RECEPTION DEVICE
INQUIRY
(S1)
INQUIRY RESPONSE
(S2)
PAGING
(S3)
PAGING RESPONSE
(S4)
INFORMATION NECESSARY FOR RECEPTION
(S5)
INQUIRY
(S6)
INQUIRY RESPONSE
(S7)
PAGING
(S8)
PAGING RESPONSE
(S9)
INFORMATION NECESSARY FOR RECEPTION
(S10)
BROADCAST SERVICE
(S11)

FIG.7

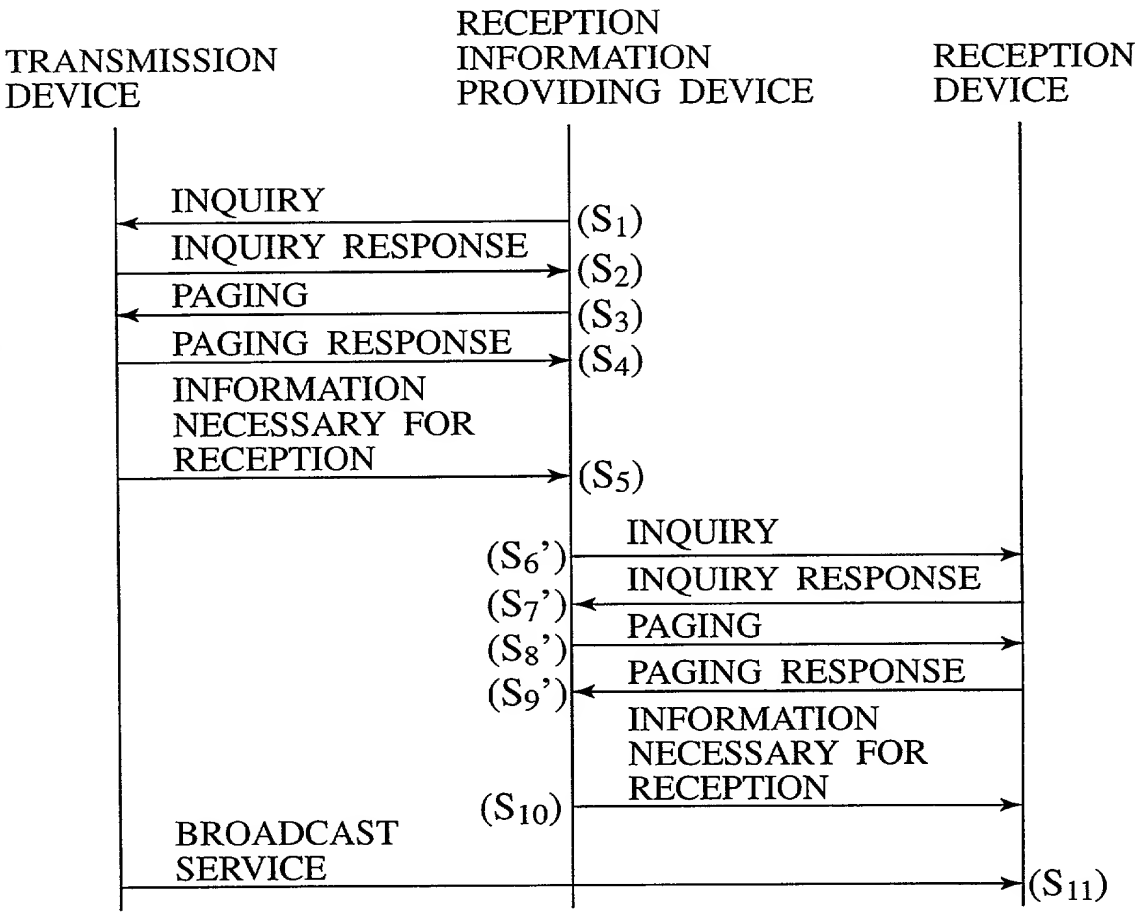

TRANSMISSION DEVICE
RECEPTION INFORMATION PROVIDING DEVICE
RECEPTION DEVICE
INQUIRY
(S1)
INQUIRY RESPONSE
(S2)
PAGING
(S3)
PAGING RESPONSE
(S4)
INFORMATION NECESSARY FOR RECEPTION
(S5)
INQUIRY
(S6')
INQUIRY RESPONSE
(S7')
PAGING
(S8')
PAGING RESPONSE
(S9')
INFORMATION NECESSARY FOR RECEPTION
(S10)
BROADCAST SERVICE
(S11)

FIG.8

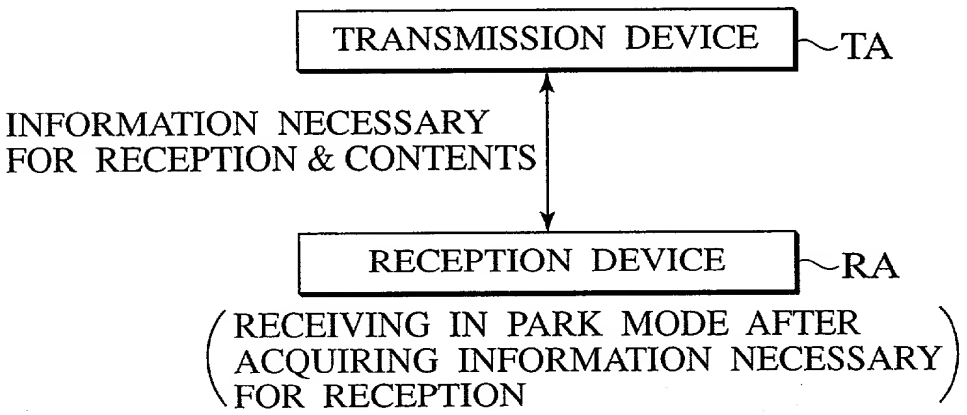

TRANSMISSION DEVICE
TA
INFORMATION NECESSARY FOR RECEPTION & CONTENTS
RECEPTION DEVICE
RA
(RECEIVING IN PARK MODE AFTER ACQUIRING INFORMATION NECESSARY FOR RECEPTION)

FIG.9

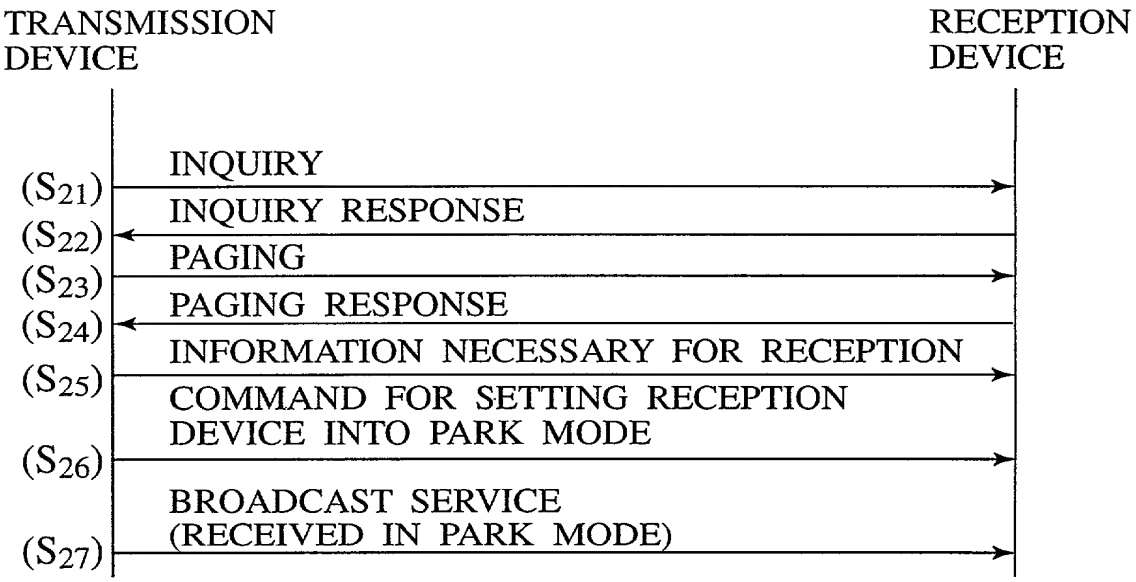

TRANSMISSION DEVICE
RECEPTION DEVICE
(S21)
INQUIRY
(S22)
INQUIRY RESPONSE
(S23)
PAGING
(S24)
PAGING RESPONSE
(S25)
INFORMATION NECESSARY FOR RECEPTION
(S26)
COMMAND FOR SETTING RECEPTION DEVICE INTO PARK MODE
(S27)
BROADCAST SERVICE (RECEIVED IN PARK MODE)

FIG.10

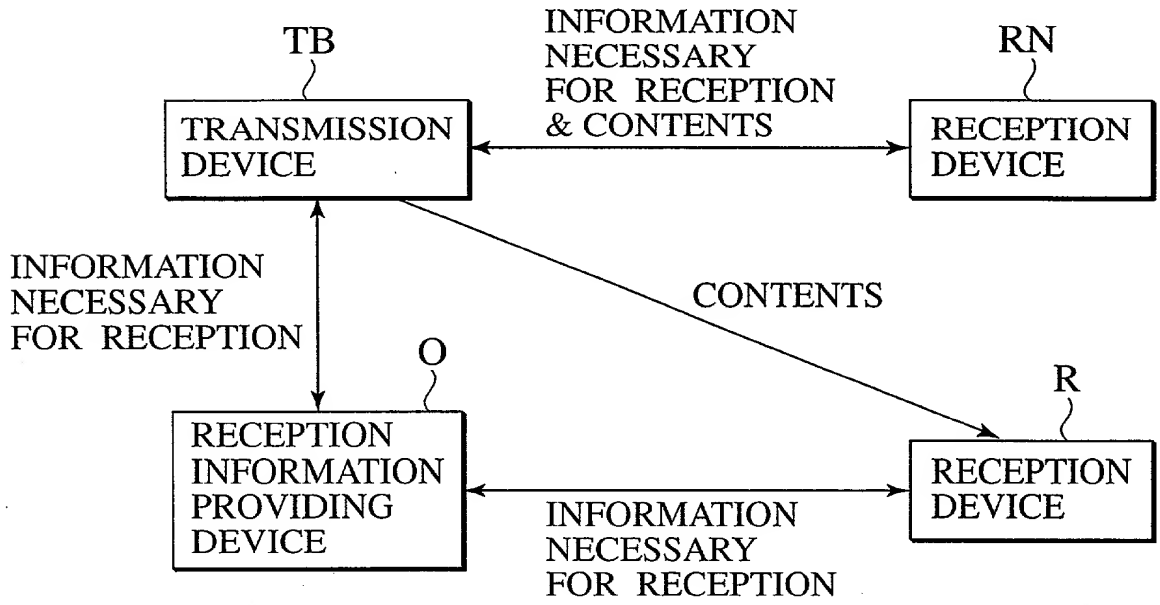

TB
INFORMATION NECESSARY FOR RECEPTION & CONTENTS
RN
TRANSMISSION DEVICE
RECEPTION DEVICE
INFORMATION NECESSARY FOR RECEPTION
CONTENTS
O
R
RECEPTION INFORMATION PROVIDING DEVICE
RECEPTION DEVICE
INFORMATION NECESSARY FOR RECEPTION

FIG.11

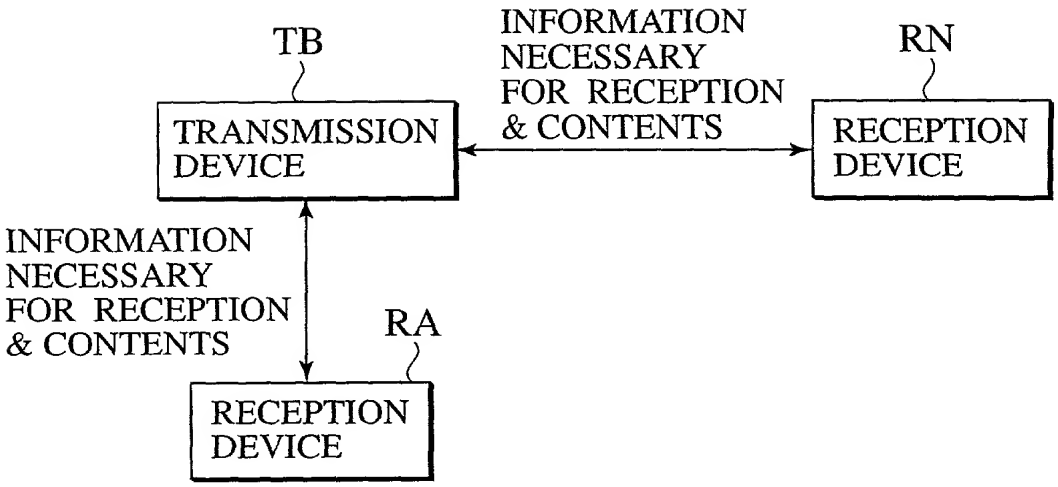
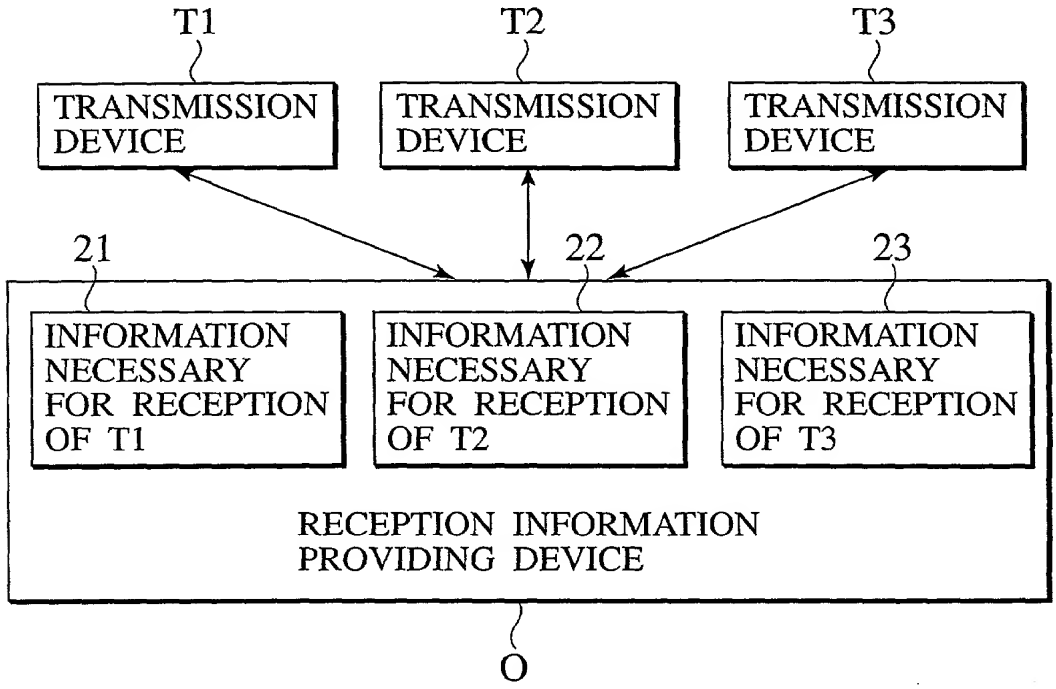


FIG.12



EP 1 670 259 A1

FIG.13

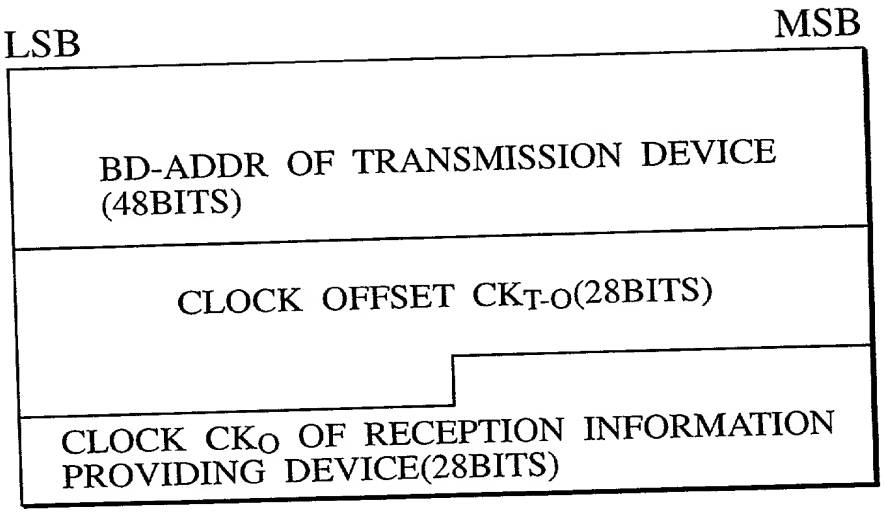

LSB
MSB
BD-ADDR OF TRANSMISSION DEVICE (48BITS)
CLOCK OFFSET CKT-O(28BITS)
CLOCK CKO OF RECEPTION INFORMATION PROVIDING DEVICE(28BITS)

FIG.14

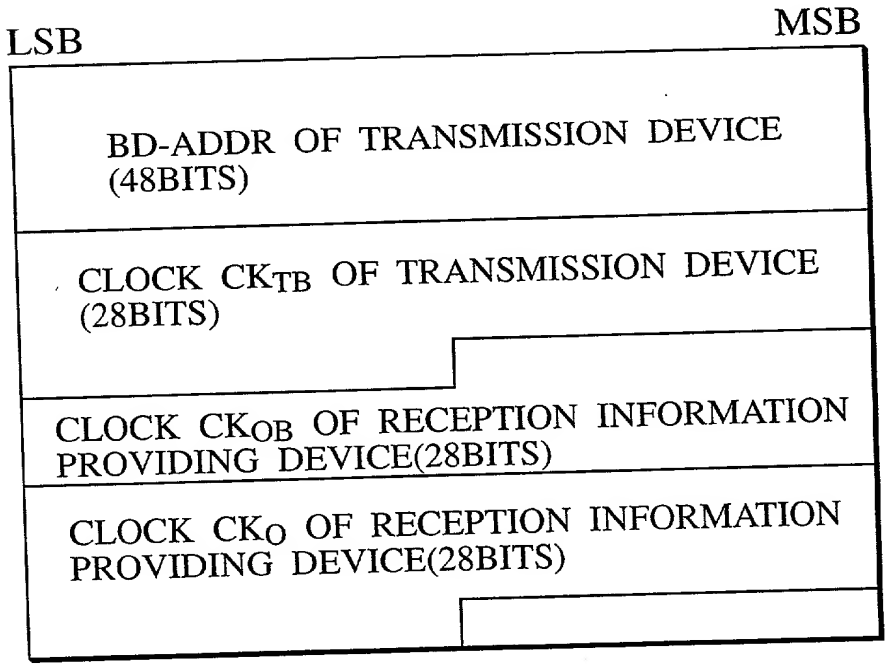
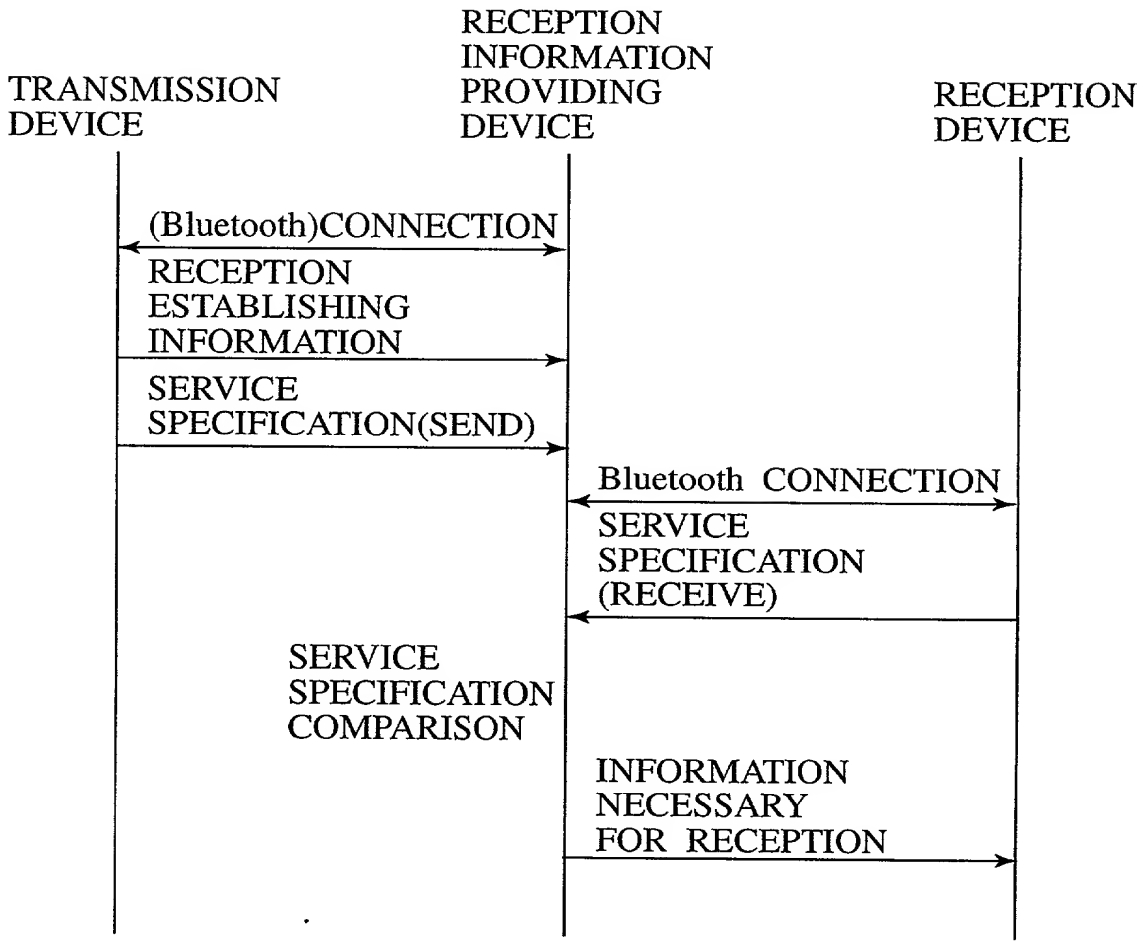

LSB
MSB
BD-ADDR OF TRANSMISSION DEVICE (48BITS)
CLOCK CKTB OF TRANSMISSION DEVICE (28BITS)
CLOCK CKOB OF RECEPTION INFORMATION PROVIDING DEVICE(28BITS)
CLOCK CKO OF RECEPTION INFORMATION PROVIDING DEVICE(28BITS)

FIG.15


TRANSMISSION DEVICE
RECEPTION INFORMATION PROVIDING DEVICE
RECEPTION DEVICE
(Bluetooth)CONNECTION
RECEPTION ESTABLISHING INFORMATION
SERVICE SPECIFICATION(SEND)
Bluetooth CONNECTION
SERVICE SPECIFICATION (RECEIVE)
SERVICE SPECIFICATION COMPARISON
INFORMATION NECESSARY FOR RECEPTION